

Date	Day	Discussion Due by 4:00pm	Lecture Topic	Unit	Assignment Due by 11:59pm
Jan 11	Tues		Syllabus and R/RStudio	0	
Jan 13	Thur	L1	Tidyverse (the verbs)		
Jan 18	Tues	L2	Causation: Logic models, DAGS, and Potential Outcomes	1	HW 1
Jan 20	Thur				
Jan 25	Tues	L3	Simple Regression		
Jan 27	Thur	L4	Multiple Regression		
Feb 1	Tues	L5	Regression with Categorical Variables		
Feb 3	Thur		Exam 1	2	HW 2
Feb 8	Tues	L6	Assumptions of Regression		
Feb 10	Thur	L7	Diagnostics (Detecting Irregularities)		
Feb 15	Tues				
Feb 17	Thur	L8	Missing Data and Other Real-World Problems		
Feb 22	Tues	L9	Threats to Validity (including measurement error, multiple tests)		
Feb 24	Thur		Exam 2	3	HW 3
Mar 1	Tues	L10	Effect Sizes (including partial dependence plots)		
Mar 3	Thur				
Mar 8	Tues		SPRING BREAK (Absolutely No Class)		
Mar 10	Thur				
Mar 15	Tues	L11	Linear Interaction		
Mar 17	Thur				
Mar 22	Tues	L12	Nonlinear Relationships		
Mar 24	Thur	L13	Intro to Generalized Linear Models		
Mar 29	Tues		Catch Up Day		
Mar 31	Thur		Exam 3	4	Final Project
Apr 5	Tues	L14	Logistic Regression		
Apr 7	Thur				
Apr 12	Tues	L15	Other GLMs		
Apr 14	Thur				
Apr 19	Tues	L16	Mediation Analysis		
Apr 21	Thur	L17	Miscellaneous (variable selection methods)		
Apr 26	Tues		Catch Up Day		
May 3	Tues		Exam 4		